

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066506.D
 Acq On : 01 Sep 2020 19:52
 Operator : VA/SY
 Sample : L3849-01
 Misc : 5.81G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 16090

Quant Time: Sep 02 01:07:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	187124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	275316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	258518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	129250	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	102209	55.71	ug/l	0.00
Spiked Amount						
				Recovery	=	111.42%
35) Dibromofluoromethane	7.91	113	85212	49.50	ug/l	0.00
Spiked Amount						
				Recovery	=	99.00%
50) Toluene-d8	10.34	98	324053	51.45	ug/l	0.00
Spiked Amount						
				Recovery	=	102.90%
62) 4-Bromofluorobenzene	12.63	95	117417	52.53	ug/l	0.00
Spiked Amount						
				Recovery	=	105.06%

Target Compounds

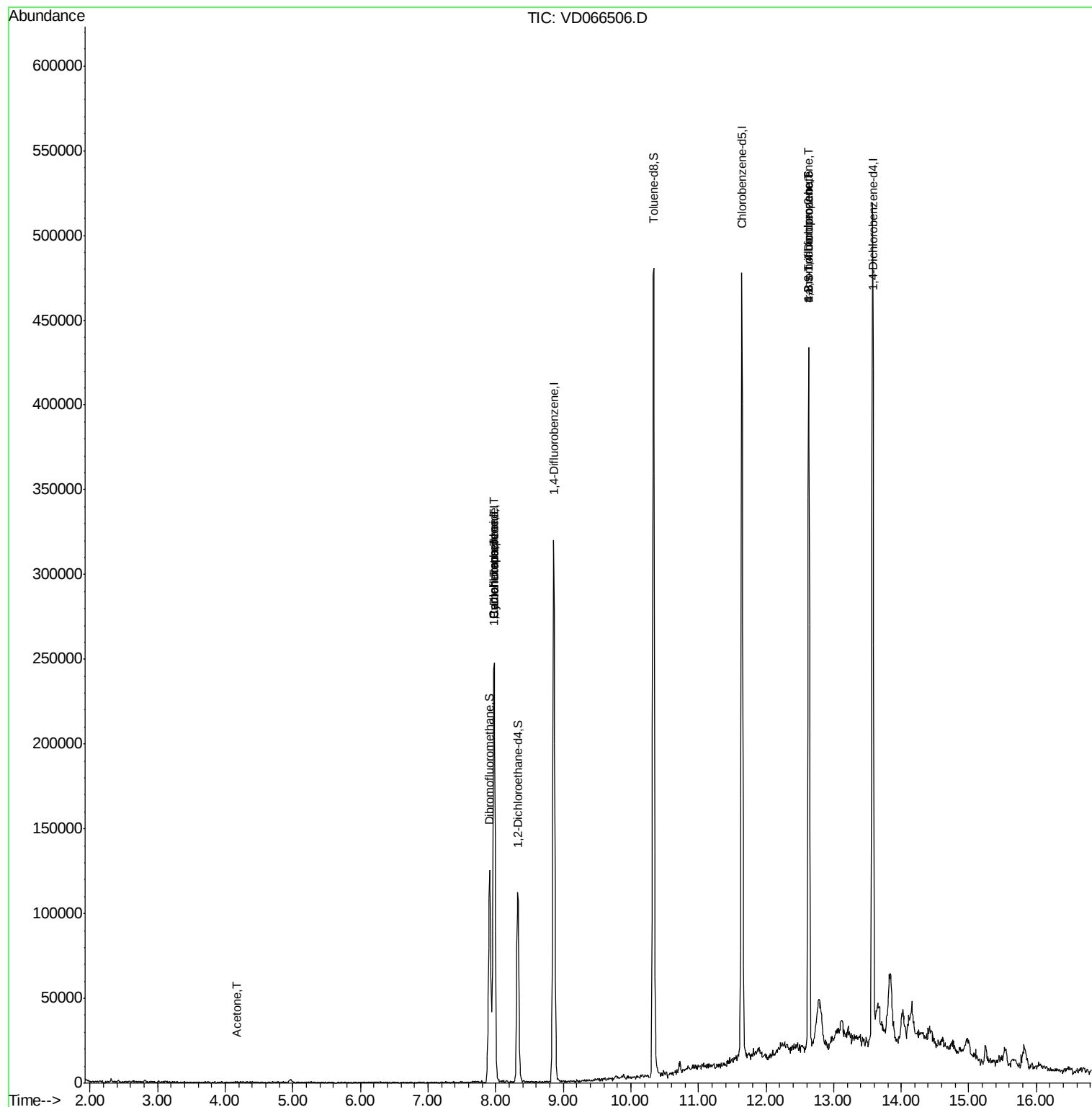
					Qvalue	
16) Acetone	4.17	43	583	1.763	ug/l #	46
20) Methylene Chloride	4.96	84	936	Below Cal	#	41
31) Cyclohexane	7.97	56	4262	1.673	ug/l #	53
36) 1,1-Dichloropropene	7.97	75	12068	4.804	ug/l #	51
38) Carbon Tetrachloride	7.98	117	20069	6.132	ug/l #	16
76) 1,2,3-Trichloropropane	12.63	75	68751	75.610	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	68751	160.496	ug/l #	6

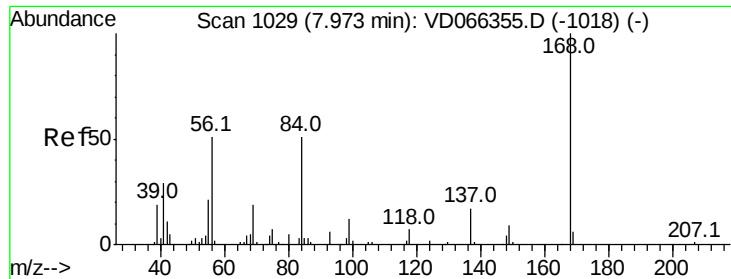
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090120\
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Quant Time: Sep 02 01:07:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066506.D

Acq: 01 Sep 2020 19:52

Instrument :

MSVOA_D

ClientSampleId :

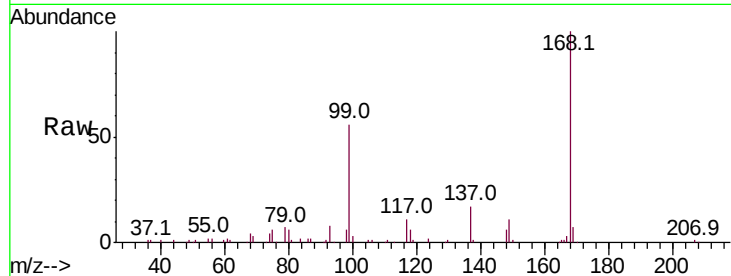
16090

Tot Ion:168 Resp: 187124

Ion Ratio Lower Upper

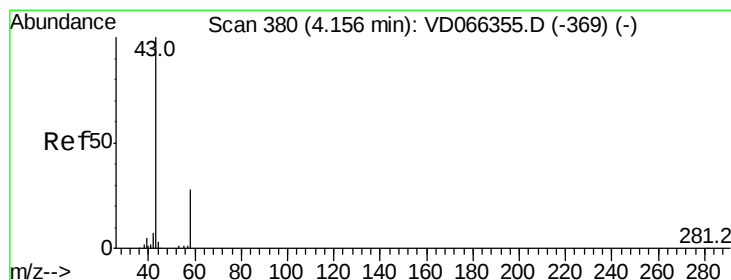
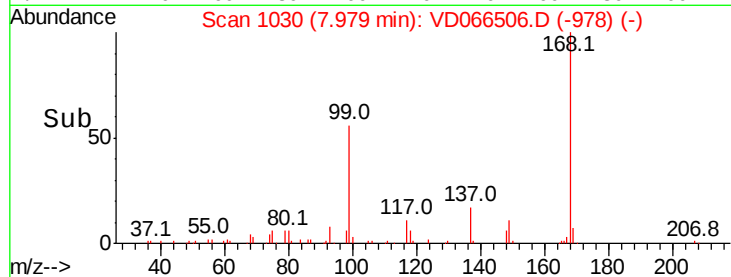
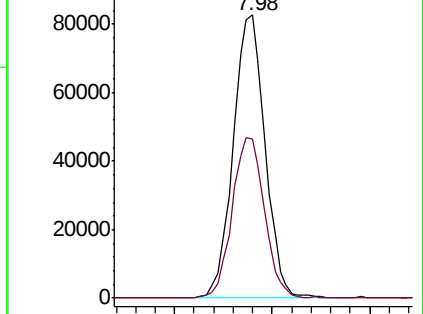
168 100

99 56.4 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 1.763 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD066506.D

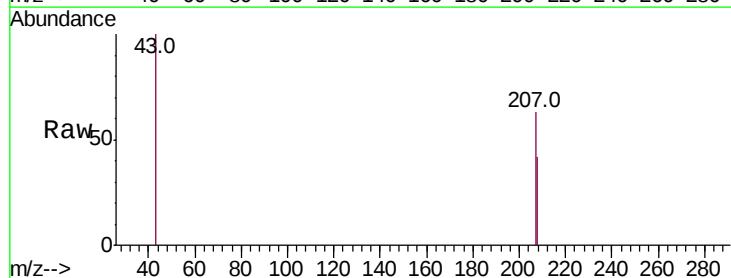
Acq: 01 Sep 2020 19:52

Tgt Ion: 43 Resp: 583

Ion Ratio Lower Upper

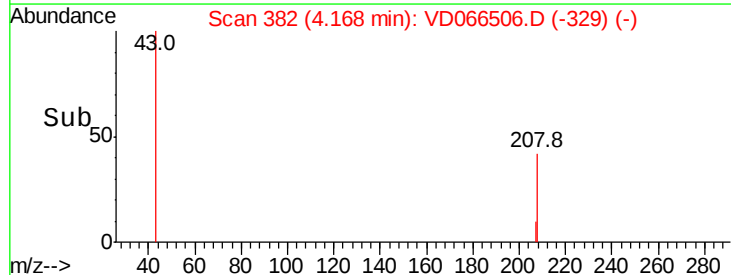
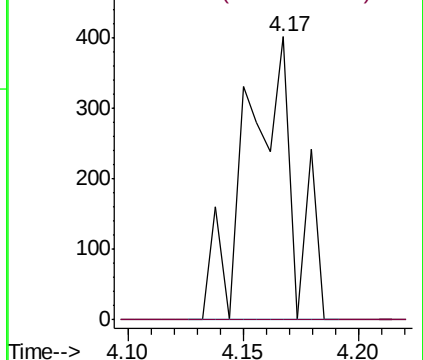
43 100

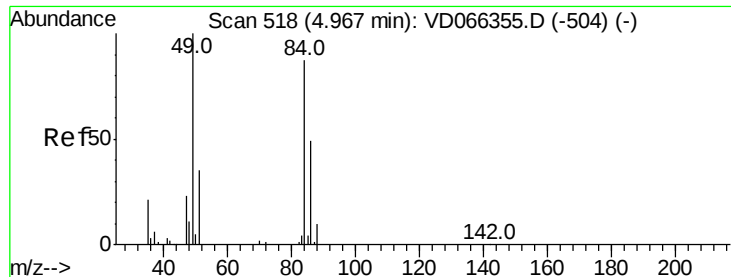
58 0.0 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD066506.D

Acq: 01 Sep 2020 19:52

Instrument :

MSVOA_D

ClientSampleId :

16090

Tot Ion: 84 Resp: 936

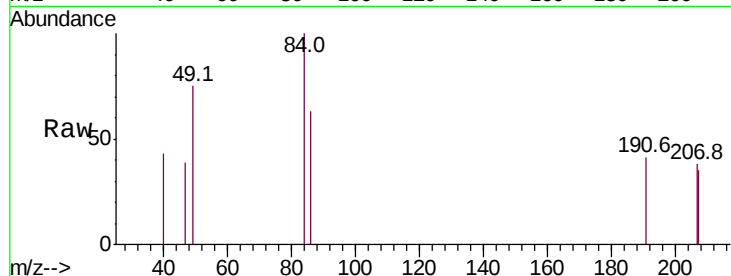
Ion Ratio Lower Upper

84 100

49 45.8 92.5 138.7#

51 0.0 32.5 48.7#

86 24.9 45.0 67.6#

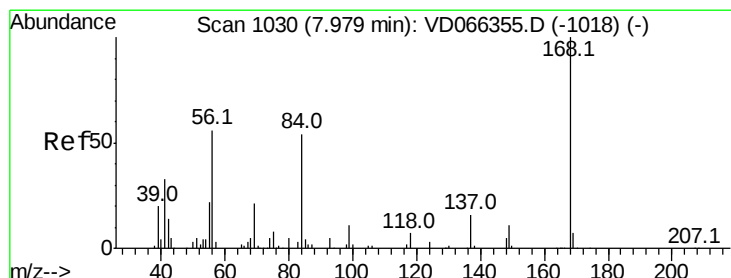
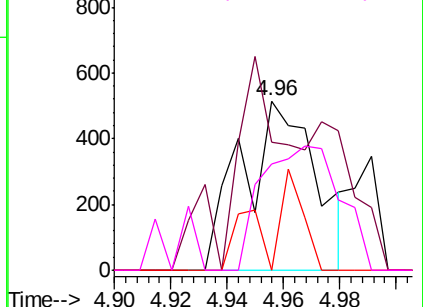
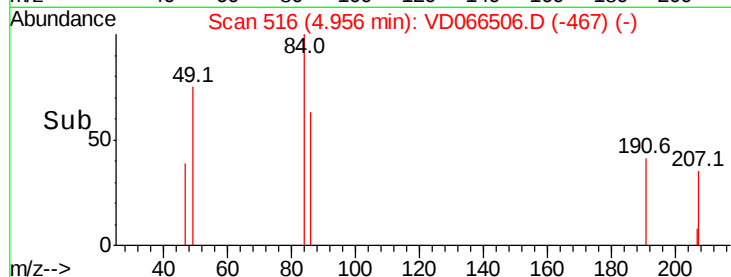


Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#31

Cyclohexane

Concen: 1.673 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066506.D

Acq: 01 Sep 2020 19:52

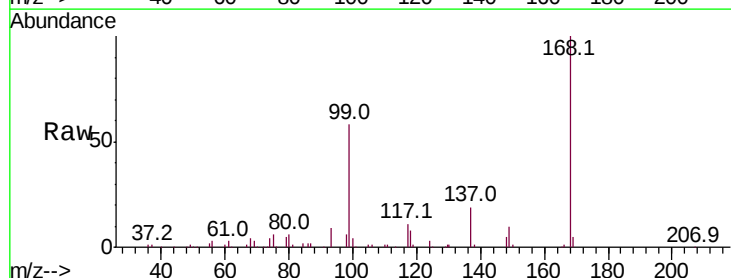
Tgt Ion: 56 Resp: 4262

Ion Ratio Lower Upper

56 100

69 133.4 29.6 44.4#

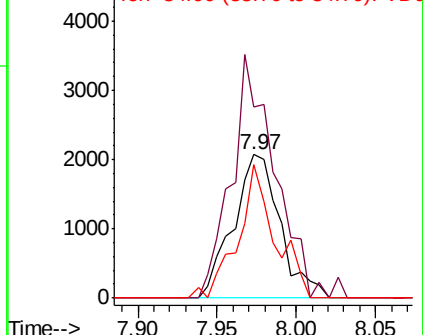
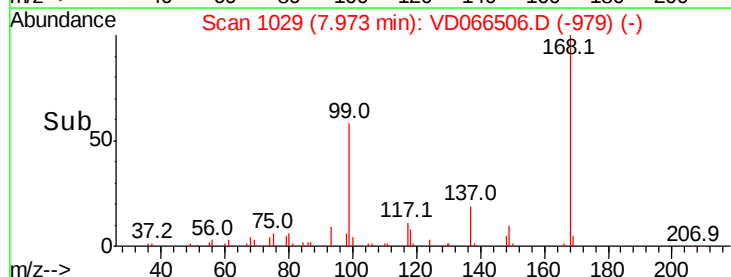
84 93.6 76.6 115.0

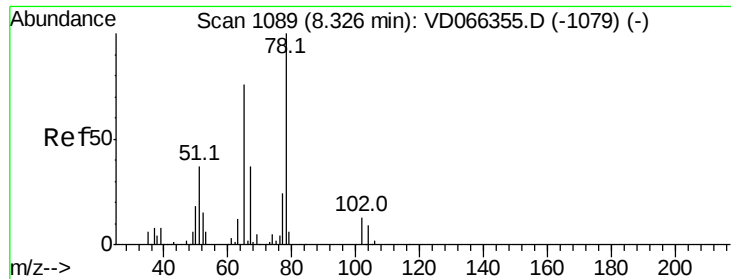


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 55.713 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066506.D

Acq: 01 Sep 2020 19:52

Instrument :

MSVOA_D

ClientSampled :

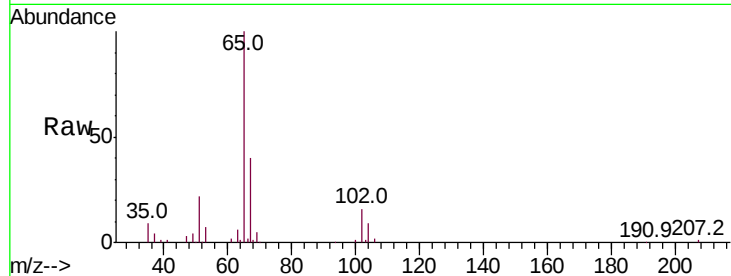
16090

Tot Ion: 65 Resp: 102209

Ion Ratio Lower Upper

65 100

67 44.8 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

30000

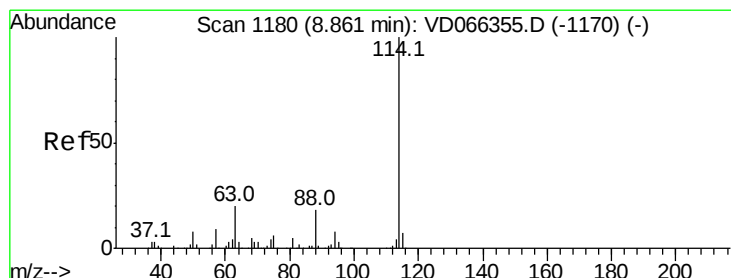
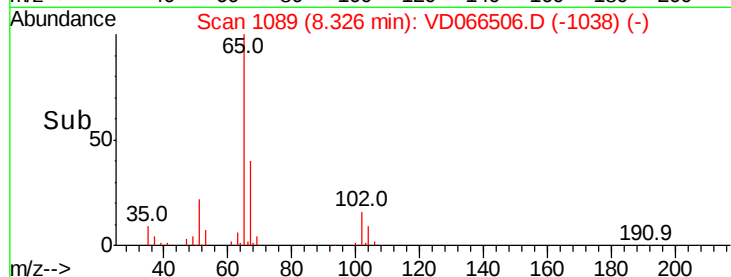
20000

10000

0

8.20 8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066506.D

Acq: 01 Sep 2020 19:52

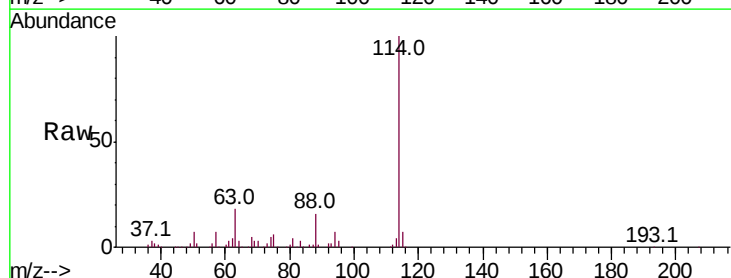
Tgt Ion: 114 Resp: 275316

Ion Ratio Lower Upper

114 100

63 17.9 0.0 40.8

88 15.8 0.0 35.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.86

150000

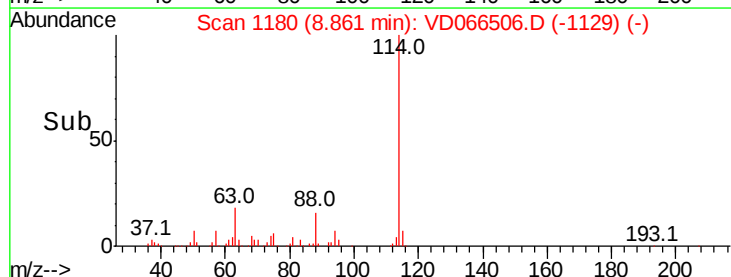
100000

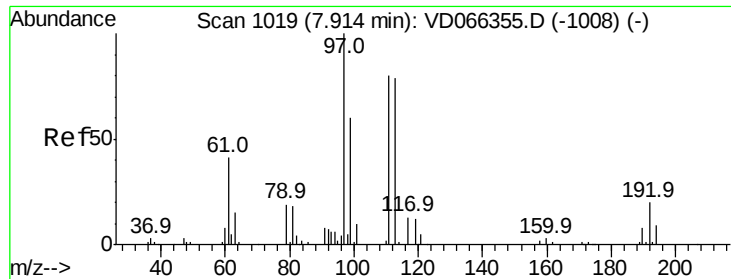
50000

0

8.80 8.90 9.00

Time-->

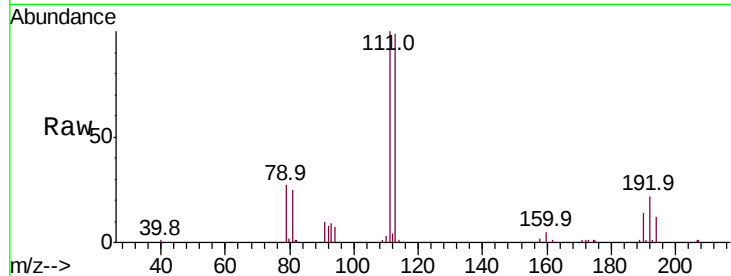




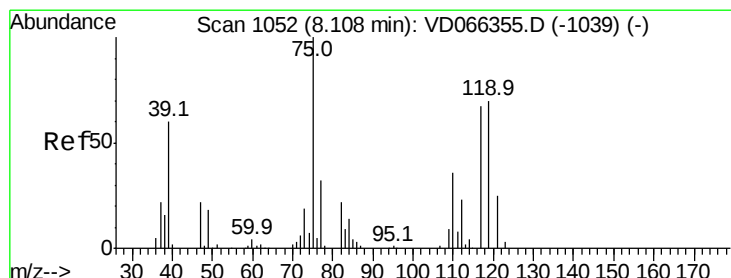
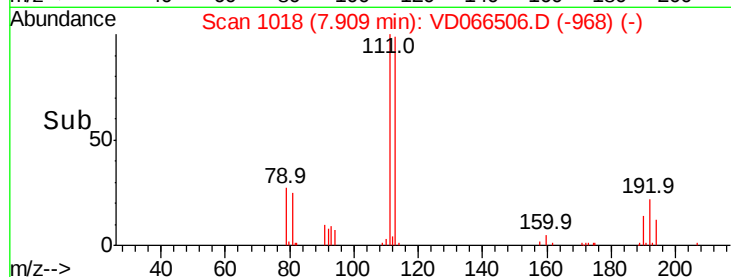
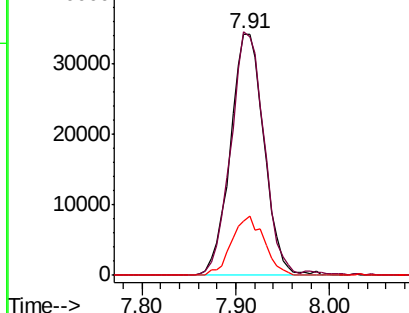
#35
 Dibromofluoromethane
 Concen: 49.496 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066506.D
 Acq: 01 Sep 2020 19:52

Instrument :
 MSVOA_D
 ClientSampled :
 16090

Tot Ion:113 Resp: 85212
 Ion Ratio Lower Upper
 113 100
 111 98.8 80.3 120.5
 192 23.5 19.0 28.6

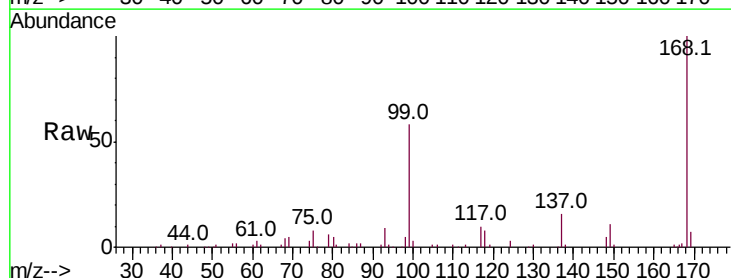


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

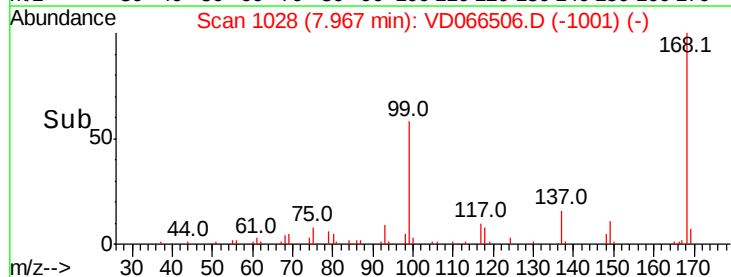
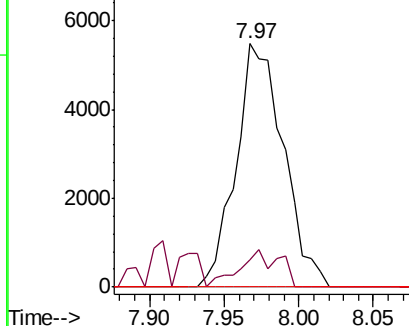


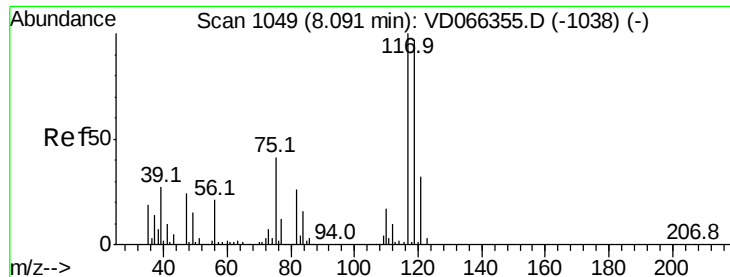
#36
 1,1-Dichloropropene
 Concen: 4.804 ug/l
 RT: 7.97 min Scan# 1028
 Delta R.T. -0.14 min
 Lab File: VD066506.D
 Acq: 01 Sep 2020 19:52

Tgt Ion: 75 Resp: 12068
 Ion Ratio Lower Upper
 75 100
 110 12.2 18.7 56.1#
 77 0.0 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VDC





#38

Carbon Tetrachloride

Concen: 6.132 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.11 min

Lab File: VD066506.D

Acq: 01 Sep 2020 19:52

Instrument :

MSVOA_D

ClientSampleId :

16090

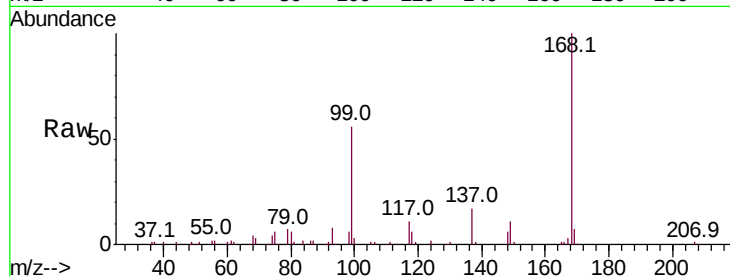
Tot Ion:117 Resp: 20069

Ion Ratio Lower Upper

117 100

119 5.2 77.2 115.8#

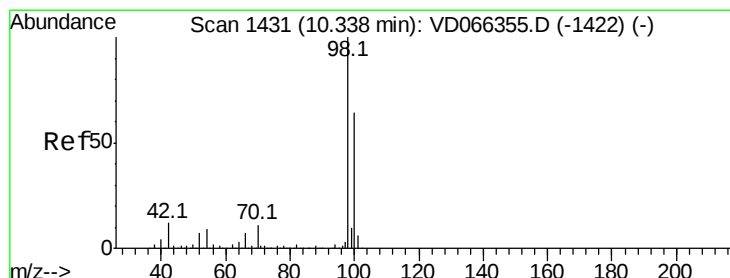
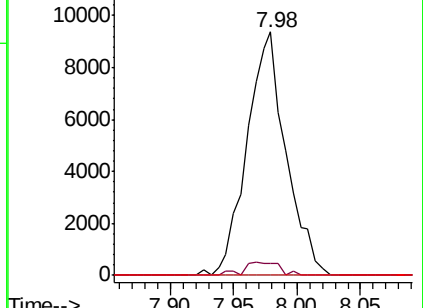
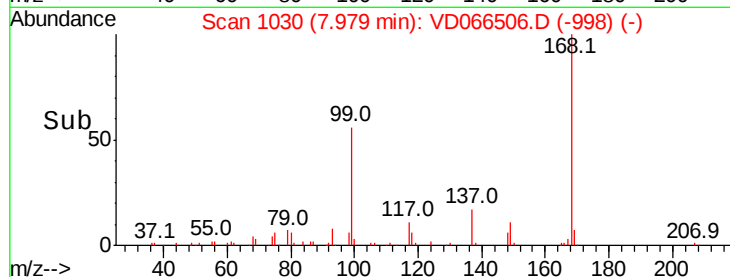
121 0.0 25.8 38.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 51.445 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066506.D

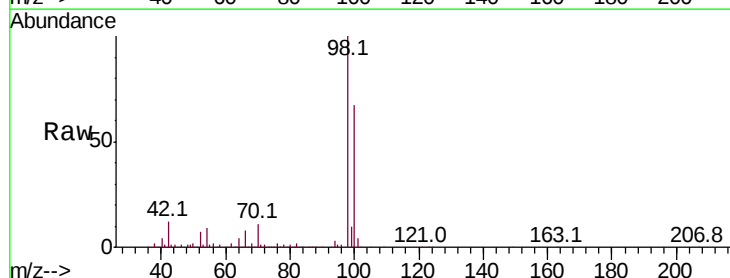
Acq: 01 Sep 2020 19:52

Tgt Ion: 98 Resp: 324053

Ion Ratio Lower Upper

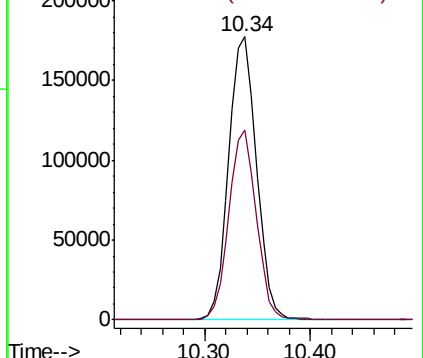
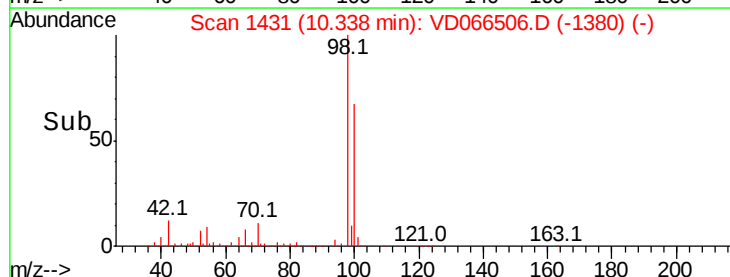
98 100

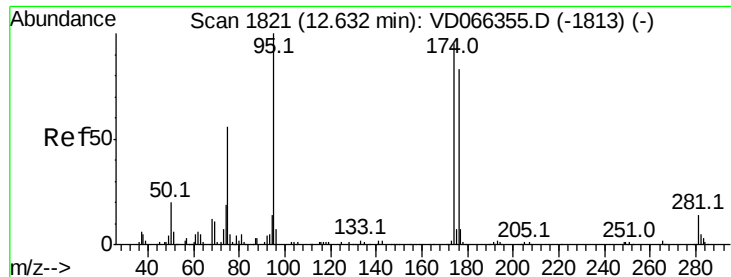
100 66.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

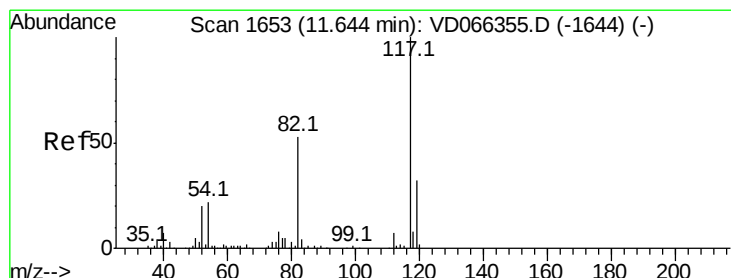
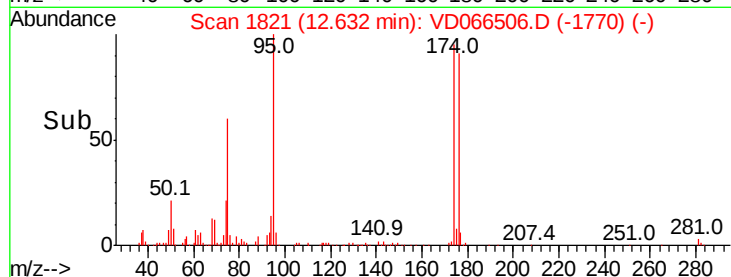
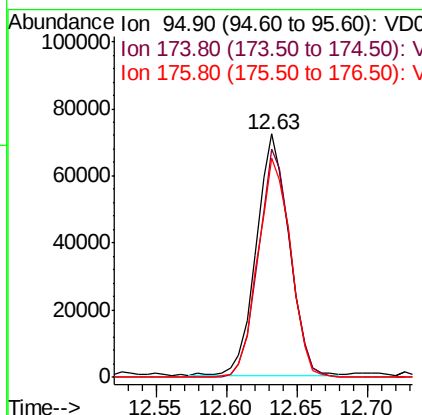
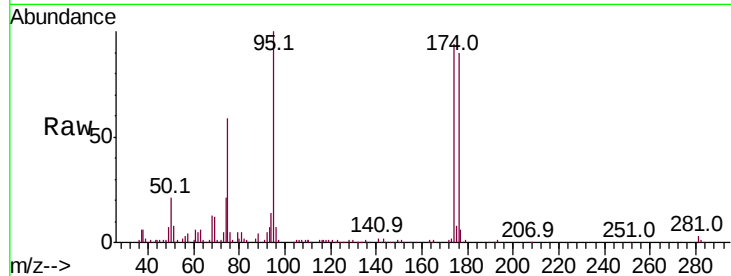




#62
4-Bromofluorobenzene
Concen: 52.532 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066506.D
Acq: 01 Sep 2020 19:52

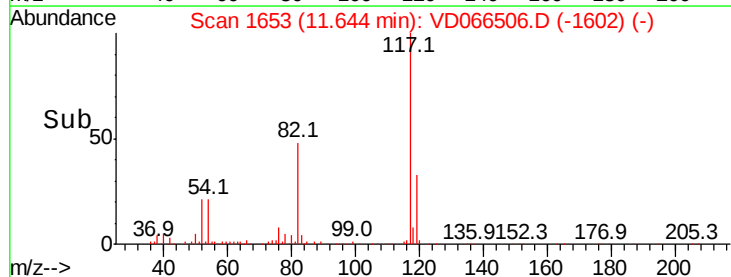
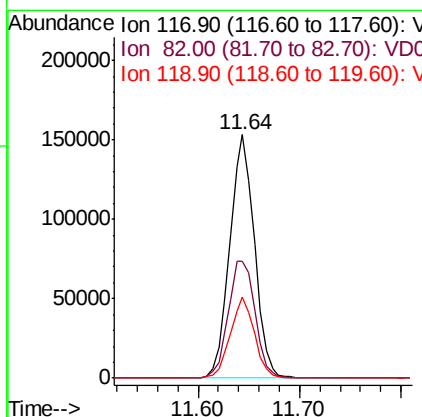
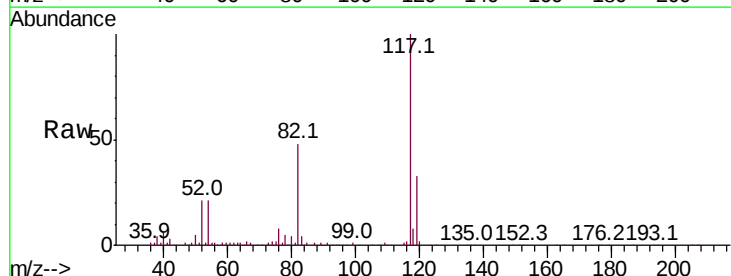
Instrument :
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ClientSampleId :
16090

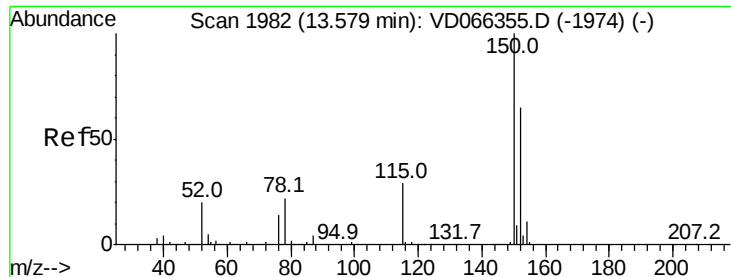
Tot Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	183.4
176	91.5	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066506.D
Acq: 01 Sep 2020 19:52

Tgt Ion	Ratio	Lower	Upper
117	100		
82	47.9	42.8	64.2
119	33.4	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066506.D

Acq: 01 Sep 2020 19:52

Instrument :

MSVOA_D

ClientSampleId :

16090

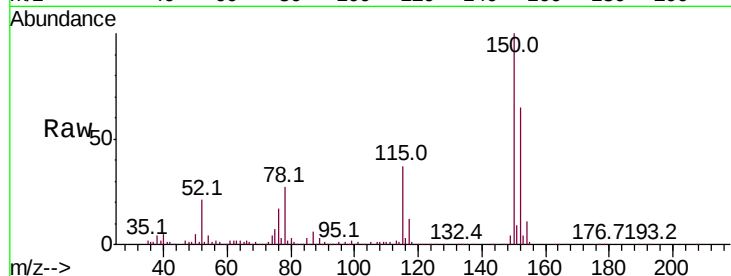
Tot Ion:152 Resp: 129250

Ion Ratio Lower Upper

152 100

115 57.9 28.3 85.0

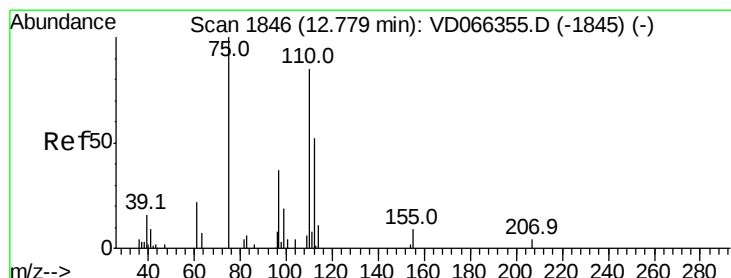
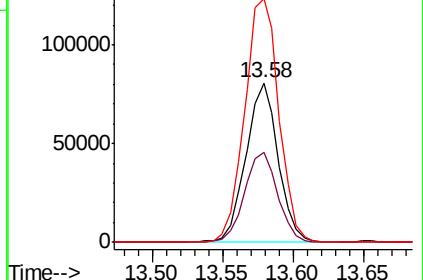
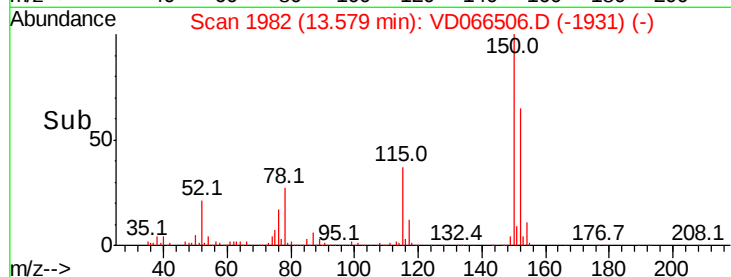
150 161.7 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 75.610 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066506.D

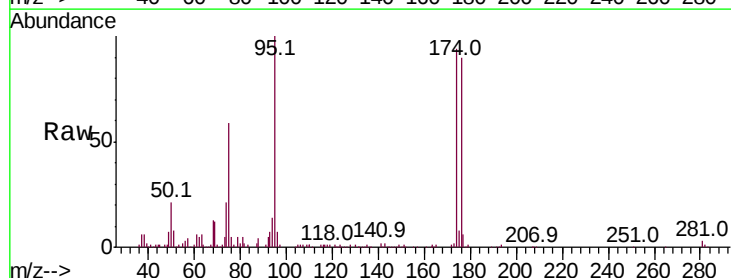
Acq: 01 Sep 2020 19:52

Tgt Ion: 75 Resp: 68751

Ion Ratio Lower Upper

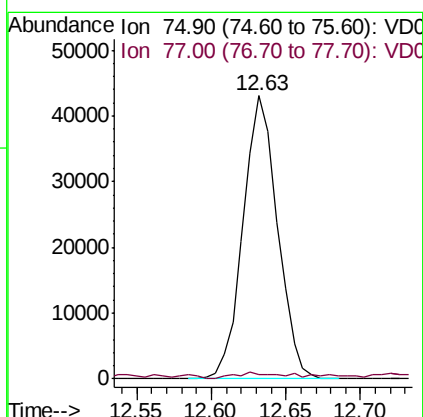
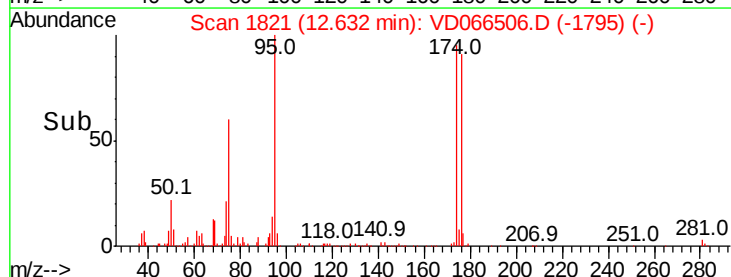
75 100

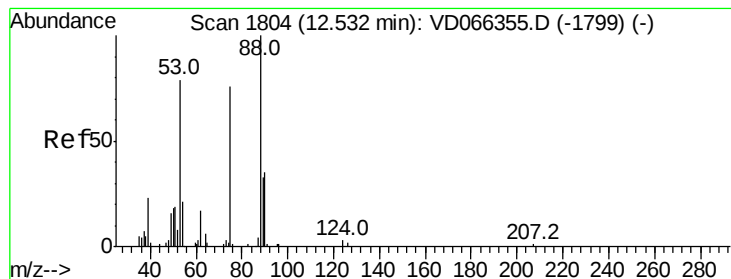
77 2.7 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 160.496 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066506.D

Acq: 01 Sep 2020 19:52

Instrument :

MSVOA_D

ClientSampleId :

16090

Tot Ion: 75 Resp: 68751

Ion Ratio Lower Upper

75 100

53 0.4 87.4 131.2#

89 0.0 39.4 59.0#

